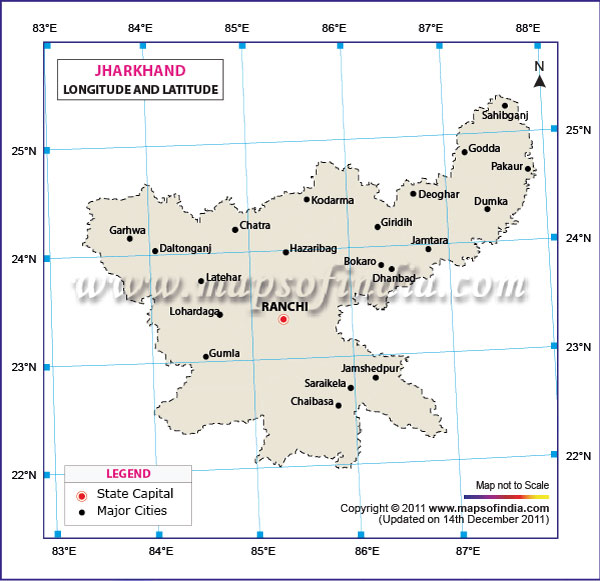
Using latitude and Longitude Lines

Latitude and longitude lines form a grid. Any place in the world can be located accurately at the point where its latitude line intersects. The latitude number is either east or west of the Greenwich Meridian.

In this regional map,Ranchi lies at the intersection of 23 N and 85 E. For greater accuracy each degree is further subdivided into 60 minutes, then 60 seconds. A more accurate location for Ranchi is 23 11’N and 8523 E.



Question : What is the location of following towns?

1. Bhuj
2. 2. Gandhinagar
3. Jamnagar
4. Surat
5. Kandla





Find out the time difference between Greenwich 0 degree longitude and Allahabad 82 degree east longitude.

Longitude of Greenwich=0 degree

Longitude of Allahabad =82 degree 30

Longitude difference= 82 degree 3- 30

Rime difference between the two places = 82 degree – 30 \* 4

=330 minutes or 5 hours 30 minutes.

Since Allahabad is situated to the east of Greenwich, therefore, the time of Allahabad will be 5 hours 30 minutes ahead of the Greenwich Time. Thus, when it is 12:00 noon at Greenwich the time at Allahabad will be 5:30 p.m.

1. It is 11:00 am at Delhi 77degree longitude what will be time at Tokya 140 degree
2. What will be the time at 90 degree W longitude when the time at 10 W is 8:00 am?
3. What will be the difference Delhi 77 degree E and Melbourne 145 degree East?